

# ABSTRACT

This invention relates to methods of autologous transplantation for the treatment of damaged or diseased  
5 tissues, muscle, or organs. This invention also relates  
to methods of allogeneic transplantation for the  
treatment of damaged tissues and organs. In the methods  
of the invention, cells are obtained by apheresis and  
implanted into the tissue, muscle, or organ to ameliorate  
10 damage or disease.